

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method of error recovery of a remote method invocation (RMI) process ~~binding processes in a network system~~, the method comprising:
binding a parent process with an ~~remote method invocation~~ RMI process; and
calling an object associated with the parent process, the object initiating a thread to perform the steps of:
~~monitoring the status of remote method invocation RMI processes;~~
~~determining if the RMI process is bound with the parent process, the~~
determining step including:
~~obtaining a bound uniform resource locator (URL) list from the RMI~~
~~process; and~~
~~determining whether the parent process's name is in the bound URL~~
~~list of the RMI process; and~~
rebinding the parent process with an active ~~remote method invocation~~ RMI process when the thread determines that its parent process is not bound with an active ~~remote method invocation~~ RMI process.
2. (currently amended) The method of claim 1, wherein the binding step comprises:
providing a network address of the parent process to the active ~~remote method invocation~~ RMI process.
3. (currently amended) The method of claim 1, wherein the monitoring step comprises:
performing a list call to an active ~~remote method invocation~~ RMI process to determine whether the parent process is bound to an active ~~remote method invocation~~ RMI process.
4. (currently amended) The method of claim 3, wherein the rebinding step comprises:
performing a rebind call to an active ~~remote method invocation~~ RMI process.

5. (currently amended) The method of claim 1, wherein the monitoring step comprises:
calling an active ~~remote method invocation~~ RMI process to determine whether the parent process network address is registered with an active ~~remote method invocation~~ RMI process.
6. (currently amended) The method of claim 1, comprising:
binding a second parent process with a ~~remote method invocation~~ RMI process; and
calling a second object associated with the second parent process, the second object initiating a second thread to perform the steps of:
monitoring the status of ~~remote method invocation~~ RMI processes; and
rebinding the second parent process with an active ~~remote method invocation~~ RMI process when the second thread determines that the second parent process is not bound with an active ~~remote method invocation~~ RMI process.
7. (original) The method of claim 1, wherein the step of binding a parent process comprises:
binding one of an RMI daemon, a distributed task facility daemon, a log manager daemon, or a domain manager daemon, with an active RMI daemon.
8. (original) The method of claim 1, comprising:
terminating the thread when the parent process is terminated.
9. (currently amended) A network system, comprising:
a plurality of remote nodes, at least one of the remote nodes running a remote method invocation (RMI) process; and
a management server for managing the remote nodes, the management server including at least one processor for running an ~~remote method invocation~~ RMI process and at least one management process, each at least one management process being associated with an object capable of initiating a thread to perform the steps of:
~~monitoring the status of remote method invocation~~ RMI processes;
determining if the RMI process is bound with the parent process, the determining step including:

obtaining a bound uniform resource locator (URL) list from the RMI process; and

determining whether the parent process's name is in the bound URL list of the RMI process; and

rebinding the at least one management process with an active ~~remote method invocation~~ RMI process when the thread determines that the at least one management process is not bound with an active ~~remote method invocation~~ RMI process.

10. (original) The network system of claim 9, wherein the at least one management process comprises a plurality of management processes.

11. (original) The network system of claim 9, wherein the plurality of management processes comprise:

- a distributed task facility process;
- a domain manager process; and
- a log manager process.

12. (original) The network system of claim 9, wherein each of the remote nodes runs a service control manager agent process for performing server management tasks.

13. (original) The network system of claim 9, wherein the management server comprises:

- a secondary storage device, the secondary storage device comprising:
 - a data repository;
 - a depot; and
 - a web server.

14. (original) The network system of claim 9, wherein the plurality of remote nodes are arranged into at least one node group, the network system comprising a service control manager for managing the at least one node group.

15. (currently amended) A method of error recovery of a remote method invocation (RMI) process ~~binding a parent process to an remote method invocation process~~, the method comprising:

a) performing a rebind call to an ~~remote-method invocation~~ RMI process to provide a network address and an object interface of a parent process to the ~~remote-method invocation~~ RMI process; and

b) performing an initialization call to an object associated with the parent process, the initialization call initiating a thread, the thread performing the steps of:

1) performing a list call to an active ~~remote-method invocation~~ RMI process to determine whether the parent process is bound with the ~~remote-method invocation~~ RMI process, the list call obtains a bound uniform resource locator (URL) list from the RMI process and determines whether the parent process's name is in the bound URL list of the RMI process;

2) performing a rebind call to an active ~~remote-method invocation~~ RMI process if the thread determines that the parent process is not bound with an active ~~remote-method invocation~~ RMI process; and

3) repeating steps 1 and 2.

16. (original) The method of claim 15, wherein the parent process is one of a remote method invocation daemon, a distributed task facility daemon, a log manager daemon, and a domain manager daemon.

17. (currently amended) The method of claim 15, wherein the step of performing a rebind call includes the step of performing a rebind call to an ~~remote-method invocation~~ RMI daemon.

18. (currently amended) The method of claim 15, wherein the step of performing a list call includes the step of performing a list call to an ~~remote-method invocation~~ RMI daemon.

19. (original) The method of claim 15, comprising:
terminating the thread when the parent process is terminated.